

Notice of Allowability

Application No.

10/005,827

Examiner

Michael Trinh

Applicant(s)

YOO, WOO SIK

Art Unit

2822

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.


1. ☒ This communication is responsive to Amendment and RCE filed 10/4/2004.
 2. ☒ The allowed claim(s) is/are 2-6 and 8-10.
 3. ☐ The drawings filed on _____ are accepted by the Examiner.
 4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).
- * Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☒ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☒ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date 20041101.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☐ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____


Michael Trinh
Primary Examiner

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DETAILED ACTION

*** This office action is in response to Applicant's Amendment and RCE filed on October 04, 2004. Claims 2-6,8-10 are currently pending.

Drawings

*** The proposed drawings filed September 01, 2004 are approved by the Examiner.

Accordingly, new corrected drawings in compliance with 37 CFR 1.121(d) are required in this application for replacement.

Allowable Subject Matter

1. Claims 2-6,8-10 are allowed.
2. The following is a statement of reasons for the indication of allowable subject matter:

Applicant's amendment submitted 9/01/2004 and convincing remarks of record have overcome the rejections of record. The references including Granneman (WO 98/01890), Miyasaka (6,017,779), Xhao et al (6,189,482), etc., of record, alone or in combination, do not anticipatively disclose each and every aspect of the claimed system, or fairly make a prima facie obvious case of the claimed system, in combination with other claimed limitations;

as recited in base claim 2, the inclusion of having a second plate disposed adjacent to the first plate, the first plate and the second plate provided between the heating elements and defining a processing area therebetween, wherein the first plate defines a first internal cavity configured to receive a first gas through a first passage into the first internal cavity at a first temperature and to emit the first gas from the first internal cavity at a second temperature through a second passage, wherein the second plate defines a second internal cavity configured to receive a second gas through a first passage into the second internal cavity at a first temperature and to emit the second gas from the second internal cavity at a second temperature through a second passage, the first emitted gas and the second emitted gas varying the temperature of the processing area; and

as recited in base claim 8, the inclusion of having a first heatable plate and a second heatable plate position between the heating elements with the chamber, and defining a processing area therebetween, wherein each of the heatable plates includes an internal cavity defining an internal wall and configured to receive a gas; means for heating the internal wall to a preselected

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temperature; and an outlet portion defining a plurality of holes for emitting the gas to the processing gas; the gas varying the temperature of the processing area.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M. Trinh whose telephone number is (571) 272-1847. The examiner can normally be reached on M-F: 8:30 Am to 5:00 Pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Amir Zarabian can be reached on (571) 272-1852. The fax phone numbers for the organization where this application proceeding is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.

Oacs



Michael Trinh
Primary Examiner